

Vol. 2

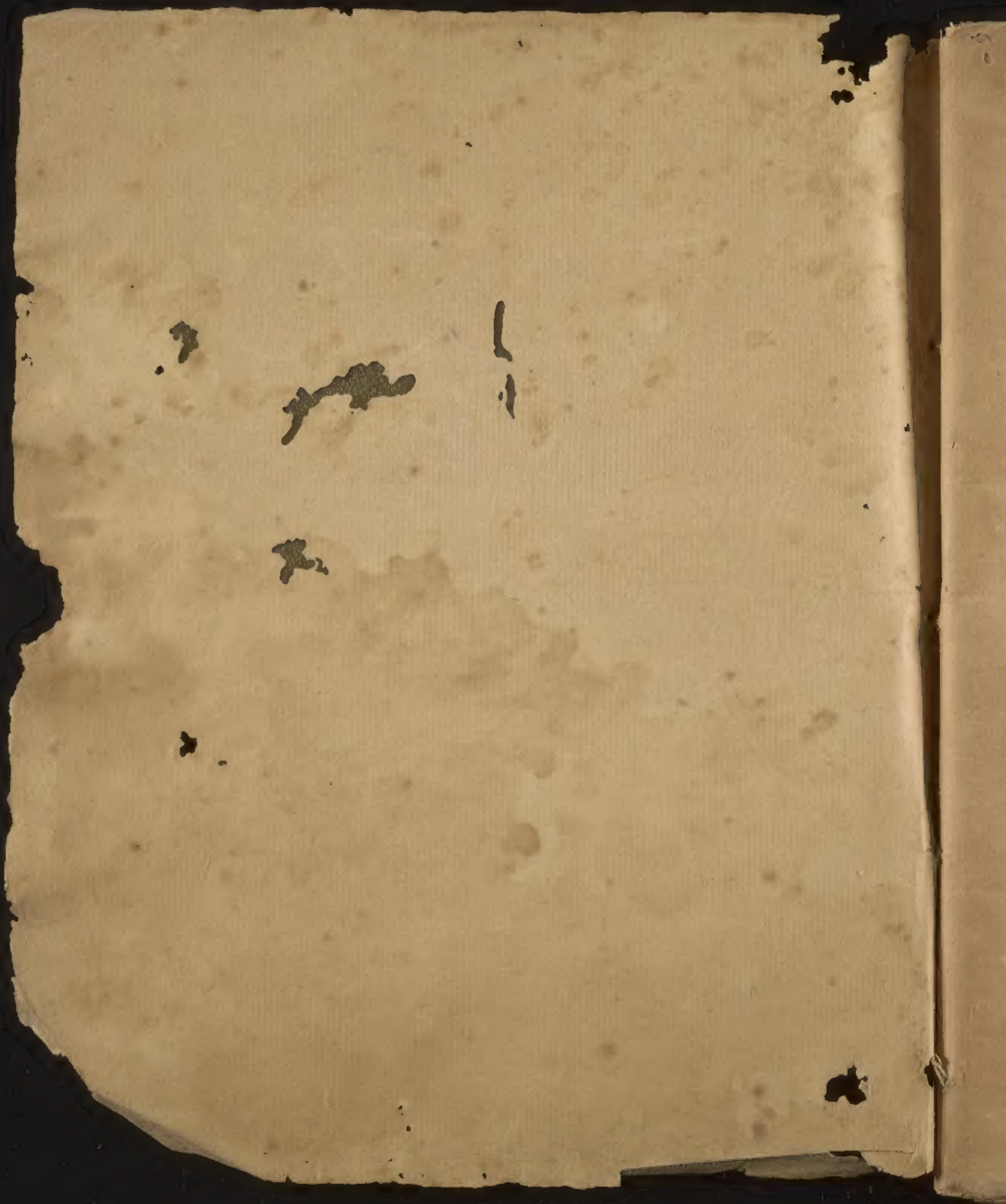
7400.F.30

Cases of  
Chronic Diseases.  
Began in Philad<sup>a</sup>  
1770.

By  
Wm. Rush  
M.D.

the  
to  
1770







## Hæmoptoe.

1. 1770 — Nurse Rice (aged 38) spit blood in small quantities — much relieved by a seton in her side. She had long been subject to a weakness in her breast — slow Fever — Cough &c.

2. M<sup>r</sup> Leiper's Man (aged 24) born of a mother who was subject to a Spitting of blood ~~at~~ <sup>for</sup> many years — Spit near a Quart of blood in two days — Pulse remained hard & full. I bled him 3 ~~days~~ times within 4 days — blood very viscid — It was the Season of Inflam<sup>d</sup> Disorders being June. many Inflam<sup>d</sup> Disorders prevailed this month. I kept his Bowels open — <sup>ordered</sup> gave him low Diet, & instead of eating 3 times a day, ~~to~~ <sup>he</sup> ~~drank~~ his meals, & eat 6 times a day. This I did to prevent Imitation. It succeeded. The man recovered.

— a Patient in this Disorder should never be bled during the Actual Spitting of Blood, for <sup>by</sup> so doing we check the Discharge from the <sup>lungs</sup>



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Epilepsy.

M<sup>rs</sup> Ferguson's Daughter (aged 18) from being  
 bed in the Fort in a bed sold in Decem<sup>r</sup> 1769.  
 was uncom<sup>ly</sup> seized w<sup>th</sup> Convulsions of  $\frac{1}{2}$  Hysteri  
 kind w<sup>ch</sup> continued for near a month - till  
 her Menses returned. These Fitts returned every  
 2 or 3 weeks for some time. She took Bark  
 Steel &c for some time but to no Purpose.  
 - She used the Cold Bath 8. or 10 times. After  
 this a Crusta lactea appeared on her Head w<sup>ch</sup>  
 covered ~~the whole~~ every part of it. Her Fitts  
 now left her. Her Mother applied to me to  
 cure the Eruption on her Head, but I declined  
 it, & strictly forbid her doing any thing to it.  
 - She has continued perfectly well these 4 or  
 5 months. Does not this suggest ~~that~~  
 that concerning the Advantage w<sup>ch</sup> Issues, or  
 Setons in the neck might be in Epilepsy? -















7















9

Asthma

Suba a negro woman (aged between 60 & 70)  
has for these 21 years been seized <sup>the</sup> w: a  
periodical Asthma the 20<sup>th</sup> of every May <sup>the</sup> w: generally  
continues 6 weeks. I broke the Paroxysm  
entirely in a few Days by ~~giving~~ giving her  
a ~~few~~ solution of  $\frac{1}{2}$  M. in water <sup>the</sup> w: a  
few Drops of Thebaic Tincture in it.

She Asthma returned May 20 1771.  
cured at Antea.

Mr Burdeau - afflicted 6 months with  
an Asthma was inoculated for the small  
pox - took  $\frac{1}{2}$  to prepare him - was  
cured of his Asthma. - returned well to Char-  
town South Carolina.







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+ especially in p 5.

## Hypochondriasis.

- 1 M<sup>rs</sup> Macpherson from a long com<sup>?</sup> series of Troubles became Hypochondriac. had most of the symptoms mentioned in Dowling Thesis<sup>th</sup> together w: an Obstinate Cough, & a plentiful Discharge of Phlegm - Pus - &c. This led her Physician to suspect y<sup>t</sup> she had a Otis pulmonalis - she died after lingering a few weeks, but without either Night sweats, or Purging w: generally attend the last stage of a Consumption.
- 2 Ben: Barber (aged 26) an American by Trade, by the sedentary life he followed, as well as by some thoughtfulness abt: Religion had all the symptoms of a Hypochond<sup>th</sup> joined w: an Inter-mittent Fever. he had had the first 4 years. - To remove the Interm<sup>th</sup> I gave him several





Dour of Salmon <sup>th</sup> touched his mouth, <sup>14</sup>  
& made him spit plentifully for some days.  
— This cured of all his lameness & he now  
enjoys tolerable good health! —





15



+ see Buffon's nat: Hist: of the Horse  
p: 12 in <sup>in</sup> w he says they are always  
found in young colts. —

+ in <sup>in</sup> w: he gives an acc<sup>t</sup> of an Epidemic  
Worm from Vesichius in Italy.

Do p: 468 — another Epid: Worm  
Fever —

a worm <sup>Epidemic</sup> ~~Flux~~ <sup>the</sup> w: all the symptoms  
of both Disorders ~~is~~ <sup>is</sup> cured by wormmed:  
described from Vandermonde by Sauv.

see Pringle p: 8 — Fever ~~not~~ owing to  
Worms — the same Heat — moisture — &  
putrid state of the air <sup>in</sup> ~~the~~ <sup>the</sup> bring on one  
favours the other. <sup>the</sup> see p: 178. ©

Worms

Have never been looked upon as a Disease  
 or Cause <sup>they</sup> but the consequence of a Disease - ~~for~~  
 are the Cause of many - the consequence of  
 not so many as has been imagined - ~~for~~  
 Children in the Country as well as town subject  
 to them & ~~the~~ <sup>breath</sup> Animals of all kind - ~~x~~  
 - weakly Children not always subject to  
 them - ~~not so~~ <sup>perhaps</sup> ~~not so~~ <sup>may not this be a cause of y being weakly</sup>  
~~even~~ They are unknown in many parts  
 [see Palmer's Thesis] - may they not be Epidemic  
 sometimes I see Dr. G. Dr. Huxham's Epidemic  
 2<sup>nd</sup> 2. p: 56. & 136. <sup>see also Lein? Vol: 1 p: 76+</sup> In the former Case  
 supposed to be owing to bad form <sup>in</sup> has been  
 noticed the Aug: before by w is called mill Dew.  
 - In ~~the~~ <sup>the</sup> ~~factious~~ <sup>factious</sup> Animals appear - were  
 they carried in from this form? Bread is <sup>of</sup> Alim.  
 of the greatest part of Mankind particularly  
 Children - see also the Diseases of June 1770  
 p: 3 in Epid. post. - see Pringle & Monroe  
 on the Camp Dysentery. - ~~often~~ <sup>often</sup> bring all



O. see also p: 218 - a strong confirm<sup>n</sup> of this -  
- They can eat thro' the gutt, for want  
of proper aliment.

But may not Worms sometimes  
excite a Fever w<sup>h</sup> will partake of <sup>the</sup> symptoms  
of the Epidem: such as Inflam: malign:  
or. Intermitting? - or

a violent Fever - see River: Vol: p: 127. <sup>17</sup> <sub>en</sub>  
<sub>mw:</sub>

he mentions *Tubis acutifimius* de.

Who are <sup>morbi Predisponentes</sup> most subject to it? Child? After  
Weaving says Sav: Vol: 2 p: 338. meat he  
says favours ~~the~~ <sup>the</sup> Generat: <sup>n</sup> - Milk &  
Summer Fruits dont favor <sup>n</sup> - Mendoch's  
Child 3 months - mother little milk - Child lived  
chiefly upon Bread - water - Sugar & Butter made  
up into Paps - Discharged a Worm 3 inches long -  
had bloody stools before disapp: upon <sup>the</sup> Discharge  
<sup>Stools says he saw a Child of 3 years old discharge</sup>  
<sup>a worm.</sup> <sup>the worm.</sup> Child. milk & Fruits  
offered to <sup>n</sup> spontaneously by Nature - Nature  
kind - few Diseases bro't on by her - ~~and~~ they  
do not favour the Form: of Worms - Grain - Water





## Historia morbi

The want of Pulse - & the low intermitt.

Pulse described by River. *fol. 2. p. 207. & 112.* - to be insisted on. Case of Tormina

from 20 being knotted together *Do p. 340.*

- They sometimes creep thro' the Bowels - ~~on~~  
Groins - see *Tulpe. p. 199* - of the Taylor's wife.

- ~~But~~ The Symptoms resemble a

true Hysteria - *Ammon. Acad. Delii. p. 348*

*Cas. 3. & taken from Sauvage vol. 1. p. 58.*

- cured by a Discharge of a Knot of Worms  
means of a Force. *Phrenitis occasioned by*

*see also Fungus h. 28.*

Worms *see* verrucae taken from Sauvage

*vol. 1. p. 461.* - Violent Pain in the Anus

*see* *Sauv. vol. 2. p. 146* - cured by Tobacco - &

Salt Glysters - alvi Capitas nocte supervenient

sed Inconstans *Sauvage p. 688 vol. 2.*

Sudores nocturni - *Leint? vol. 1. p. 74*

Convulsions *Do. p. 75* from Vermeil

denso Aquine in Flomeraum - *pugni*



44 Obstructing the Duct: Com: Polyd:  
Vol. 1, p. 211

Urticaria Cries - affected like witchcraft from  
a Tania - p: 77.

Tatamus - conglomer<sup>L</sup>: worms - & all  
in eroded Colon. Same: Vol. 1, p: 544

Grinding the Teeth.

a Cough attended w<sup>th</sup> a Flushing in one Cheek

Singultus - Same: Vol. 1 - p: 636.

Apoplexy - from a Tania - known by  
a Dyspnoea - & flying pains in <sup>e</sup> belly  
Same: Vol. 1, p: 851

Inordinate Appetite - said to denote <sup>e</sup> Tania

Cardialgia worms velliv<sup>at</sup>: <sup>e</sup> & Coats of <sup>e</sup> <sub>Stomach</sub>.  
Same: 2. p: 1217.

Stomach: Vol. 2 - p: 92.

Colera - see D: Vol. 2 p 354

Colic D: - p: 101 - from Lumbago - known  
to proceed from this cause when attended w:  
Stools in the night.

Pleurisy - River: Cent: 1 - Obs: 75 from Lumbago

Gravi  
Atrophus - Vol. 2 p 405 from Hoffman.

molem aquarum & convoluti & mixti  
con tarti: 19

Intermittent Fever - or double Tertian coming  
in convulsions - the same phenomena  
in the Jejunum - p: 75 - a cough

Convulsions - ~~from~~ succeeding Striches - & Inqui-  
etude in the night - brot on by a Lumbr:  
teres perforating the Duod: in a Ch? of 2  
years old. - Do

Lethargy in a Girl of 11 years old - from 12  
Worms in the small Guts conglomerated.

Symptoms of a malig: & inflam<sup>ed</sup> fever. see  
Lei? - p: 76 & next: Epid: p: 3. taken  
from Velchius. -

Prur<sup>ic</sup>: Comp<sup>d</sup> of the Int<sup>st</sup>: hind from Worms  
conglomerated. - in the Stomach & Bowels  
p: 76 - doubtful? -

Intermittent Fever.

Obstinate Dysentery - Worms separated  
conglomerate. p: 76

Violent pains in y<sup>e</sup> Bowels - Bowels eat thro.  
p: 77

Do from Riv: p: 77 of Leint?

a Jaundice w<sup>th</sup>: Fever &c from Lumbrici  
++



Plus - sav.: vol: 2. p: 350.

Artinate Mausea - from a Larva -  $2\frac{1}{2}$ : 335-  
taken from Hildanus - (en: 2 Mr: 70  
C. 12

Ethyrona - occas? by worms rising in the  
Throat from the stomach. Vol: 1 p: 674

Purpura - same: vol.: p. 449 from Hist.  
de l'Ac. Sciences: 1714. L. 14. A

*Syncope.*

Vomiting - Amv. vol: 2 p: 338 J<sup>m</sup> Hoffman

Dry Cough called by name: *Tussis Gutturalis*  
indicates Worms in the Throat

Apoplexy - distinguish? from it by the  
low pulse & cold Extremities. Sicut? Precise  
p: 342.

Low & breath - Startings in sleep - Lying on  
the belly - picking the nose - doubtful? - a  
motion of the Pharynx like swallowing during  
sleep - irregular Appetite -

wringing of ~~the~~ <sup>the</sup> ~~hands~~ <sup>hands</sup>. Baglivi  
a Drop of Blood in continual Fever. Dr  
all the symptoms of a Thrombus -

History  
Form of the Worms &c

20

See an aut. of ~~see~~ a flat Lumbricus in Riv.  
vol: 2 p 353 <sup>the</sup> was 7 feet long. - see Tulpius  
p: 163. - another aut of a flat: ~~see~~ worm in  
the nose. Tulp. p: 299 - obstinate Headache  
cured by their Discharge. -

The female worm contains not less than  
6000 Eggs - this accounts for this great Increase  
in the Body. many hundreds of them must be  
destroyed, & discharged unobserved in the stool.

I see an Exp<sup>t</sup> to this Purpose by Forst. orif  
this is not the case they must not all be  
impregnated - but like the Bees have ~~many~~  
~~many~~ <sup>many</sup> males. I see Lower: vet. Littera ad P. Regiam  
p: 257.  
- a few Females. - The Head of the Bee is  
always female - & has never less than 700.  
Eggs - ~~when~~ <sup>two or three times</sup> she copulates every year & brings  
forth as many Eggs as she has known Males  
- & as it otherwise is it is w<sup>h</sup> contain the  
vast Increase of them: see -



particulars see of this in Morgagni's  
su River: Vol. 2 - p. 82 -  
- was not of Murrain but the original  
Lemon? - perhaps depending on infection?  
- the worms accidental - Landed by the  
same Lemon as w. but the Flukes & Murrain  
days in most the Lemon were a little  
intended - The Murrain may have been  
symptomatic - ~

✓ They are 1 Pain in the Side & Head  
& incontinence 2 White mucous matter  
3 Fever regular - 4 Pulse low small &  
unequal - 5 Abatement of the symptoms  
till the 6<sup>th</sup> or 7<sup>th</sup> Day - then great exacerbation - Days  
of the 3<sup>rd</sup> kind: & the skin of a livid color.

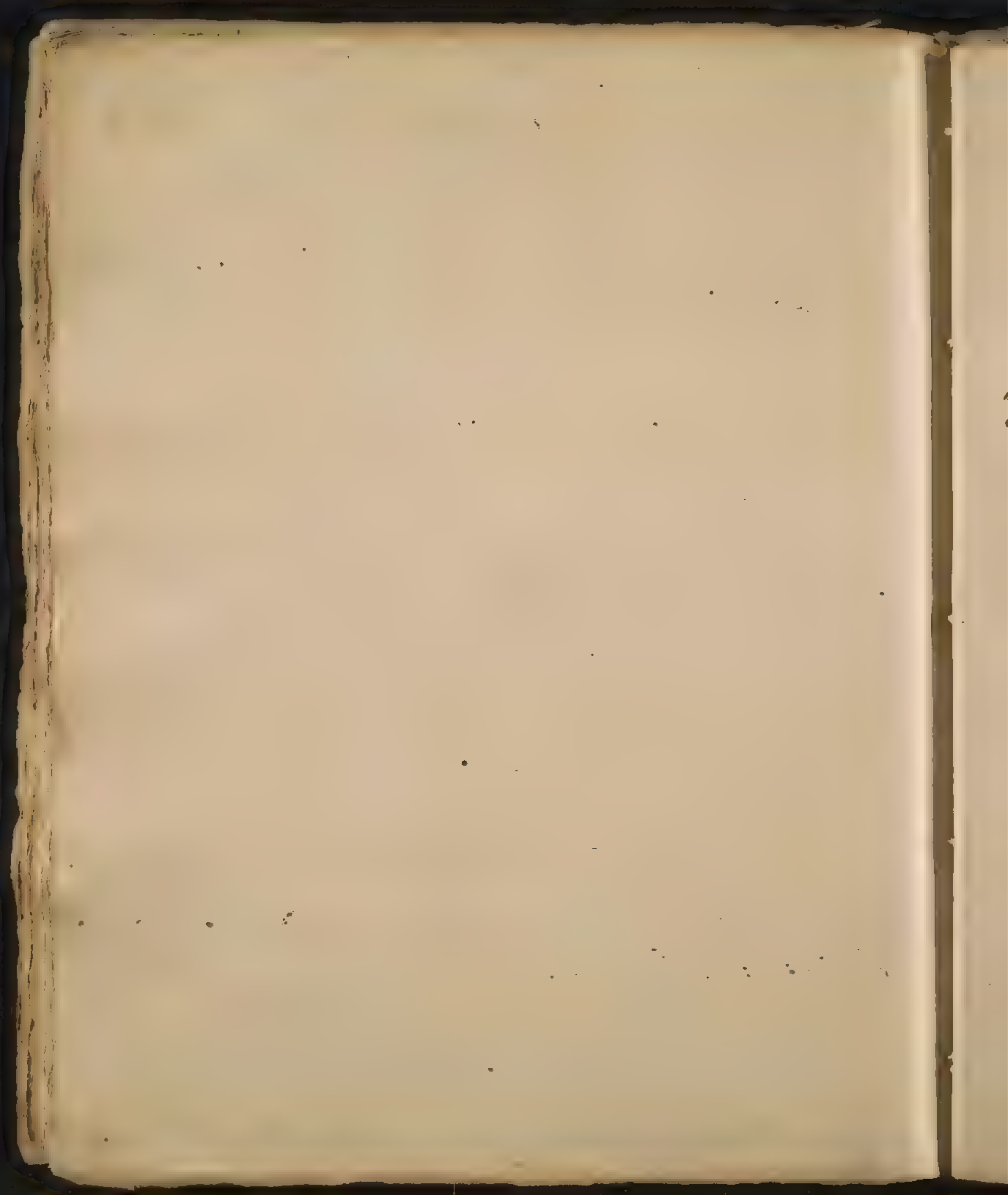
After all - no harm it: bathing: but  
the Discharge of worms - & even here &  
times within the course of the worms.

It was suspected in all the Diseases  
they have at one time or another

under

21





Tobacco & salt Glyst: cured the Morbus  
 Brasill: vermis dictus - see Saur: vol: 2. 146.

Salt by Saur: vol: 2 p: 689 -

Salt water by Mead. - most of Child: <sup>well</sup> as other young animals have a Propensity to Salt & Sugar.

<sup>Salt by Saur: p: 227</sup>  
 R<sup>x</sup>  $\frac{7}{4}$   $\frac{3}{4}$  Sach: vel Mel:  $\frac{3}{4}$   $\frac{1}{2}$  Coq: in

Ag: font: in vas: Cupreo & Min: 4v

- ~~Co~~ bilat Eger vauo ftomacho

Vom. & Alvidaxitas cientes de

Gaul: <sup>part</sup> p: 41

In the Epidemic worm Flux Bread toasted  
 & spread w<sup>th</sup> garlic recommended from Boyer by  
 Saur: vol: 2 p: 320

a strong Dose of  $\frac{1}{2}$  w: Scammony recommended  
 by Kaphlin in violent Cases. <sup>see</sup> Saur: vol: 2 p: 320.

Worms are often concealed in  $\frac{1}{2}$  Gut  
 Colon where no medicine can reach them.  
 Do.





23

Exp<sup>ts</sup> on the Anthelmintic  
of sundry Vermifuge Medicines.

They act directly or indirectly. Such  
as act indirectly are.

1 Bitter. Castor oil etc

a worm put into a watery R<sup>e</sup> of Aloes lived

2 hours & 48 m: Substances - Time

Worms

+ Watery R<sup>e</sup> of Rhubarb.

14 h & 1/2

Bark

Do. -

Tea

no Effect

2 Aromatics

5 m:



+ When worms are lodged in <sup>the</sup> stomach  
& killed there, it is rare <sup>that</sup> they are discharged  
whole - By the action of the stomach they are  
ground to pieces - & <sup>the</sup> <sup>parts</sup> go to nourish the  
body. Earth worms eat in the East Indies.  
See Panarete

### 3 Purges.

24

In a solution of Salts - Above 1 Hour.  
 In sweet Oil - in 2 Hours.  
 In Bearfoot - 1 Hour & 1/2 m.  
 In Gutt. & Cambr. - Above 1 Hour.

~~L. Gutt.~~

### L. Vomits -

Such Meds as act directly on Worms are  
 either Chemical or mechanical. Those w<sup>h</sup>  
 act chemically are. +

#### 1 Salts of all kinds

##### A. Acids.

In Vinegar - did in 1/2 hr. convulsed  
 In Lime Juice - in 1 hr.  
 In diluted S<sup>o</sup> - in 1 m & 1/2



Powder of Steel — died in 25 m. & 1/2.

~~was not the first time~~

In Powder of Tin — died in 14 m. & 1/2.

In Blue Vitriol — died in 10 m.

In powder of Steel with vinegar — Worms die.

and get first traces of lucasine? But in  
a few days more.

Back down

10 m.

Vitriol. Album

1/2 m. more.

## B Alkalies

25

with cal: ~~It~~ died in 2 m: convulsed throwing  
up a mucus in y: surface of the skin.

## C. Neut: Salts

with common salt - died in 1 min: com?  
with Nitre — — — died in 1 m: Do  
In cal: & Distillation — — — 1 m:  
In Sugar & com: salt died in 4 m:  
In cal: & common: — — — in 1 m: 1/2 —

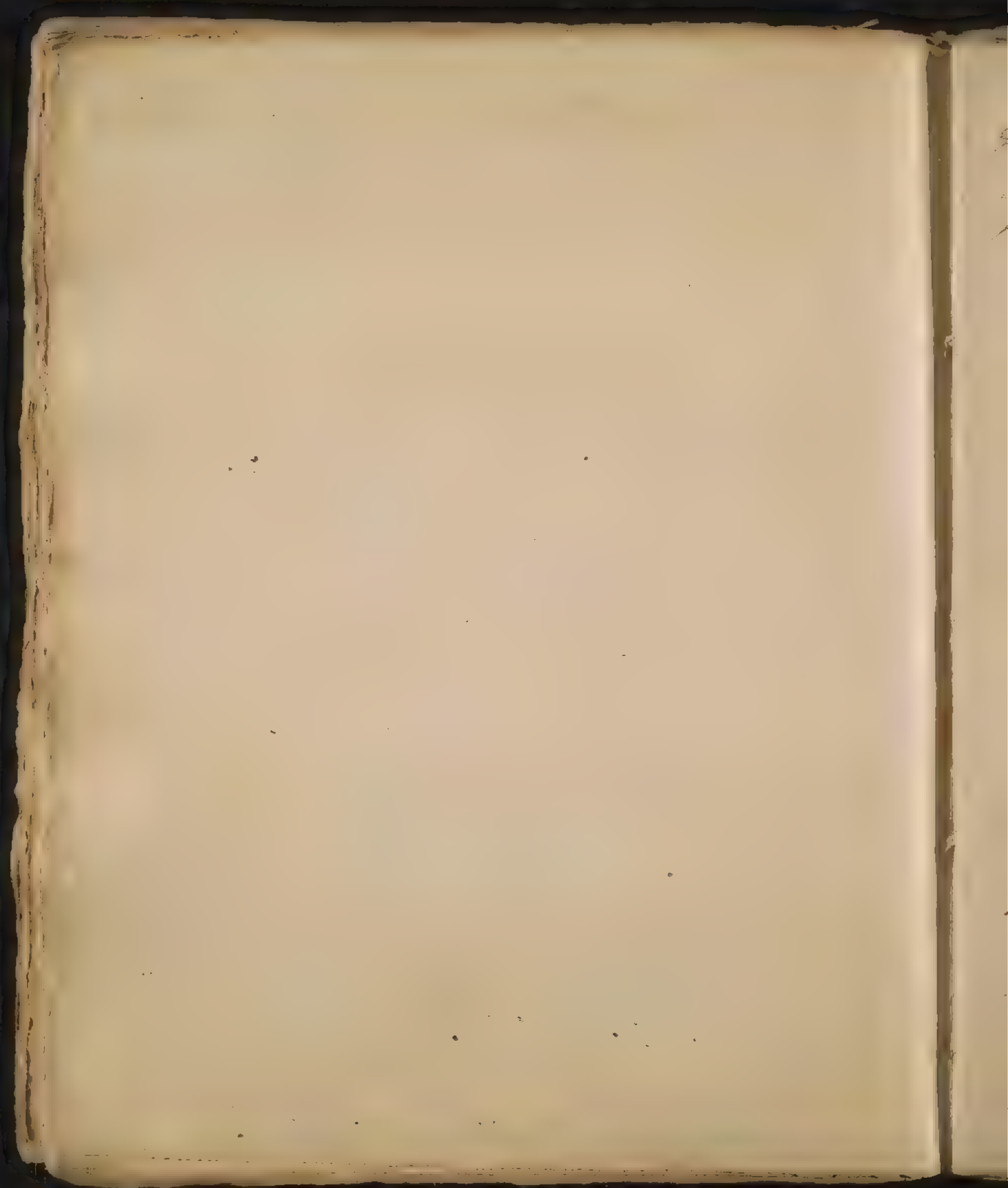
## D. Partly salts & metallic.

Exp: com: salt: — died in 1 m: & 1/2 convulsed  
In cal: — — — died in 1 m: languishing  
In cal: & com: salt — died in 15 m: bl: 2.  
In cal: & com: salt: — — — 3 m:  
Turpentine: mixed? — — — in 1 m: convulsed  
In cal: & mantles — — — in 1 m: Do X

## 2 Cal: Earths.

Calch — no effect — died 2 hours.





in 3 Sedatives. 26  
 In ... died in ...  
 In ... died in ...  
 In Tobacco - died - in 14 m.

#### 4. ~~Hot~~ fermented Liquors.

In common Spirit - died in 1 m; convulsed.  
 In ... died in 3 m. -  
 In ... in 10 m.

#### 5 The Juice of ripe Fruits.

In red Berry Juice - died in 5 m.  
 In ... Juice in 5 m.  
 In Currant Juice in 2 m.  
 In Rose Berry Juice in 3 m & 1/2.  
 In ... Juice in 12 m.  
 In Black Berry Juice in 7 m.  
 In Raspberry Juice in 5 m & 1/2.  
 In ... Juice - convulsed in 25 m.  
 In ... Juice - in 13 m.  
 In ... Juice - more ...  
 6. Fatted Substances

In ... died in ...  
 In ... died in ...  
 In ... died in ...



<sup>th</sup>  
10: Aromatics

In Camphor	—	5 grains
In Tincture	—	3 m - 1/2
In Black Pepper	—	45 m:
In Must rd	—	new 1 hour.

## 7 Essential Oils.

27

In a few Drops of Oil of Sassafras - in 3 m. lived  
 In — of Mint — in 3 m.  
 In — of Caraway Seed — in 3 m.  
 In — of Anise — in 1 1/2 h.  
 In Oil of Sassafras — in 1 1/2 h.  
 In Petrolinum — 8 m. - suffered  
 Oil of Turpentine & Anise. 6 m. - died  
 In a mixture of Anise - lived 2 1/2 Hours  
 In <sup>20</sup> Raisins — lived 2 1/2

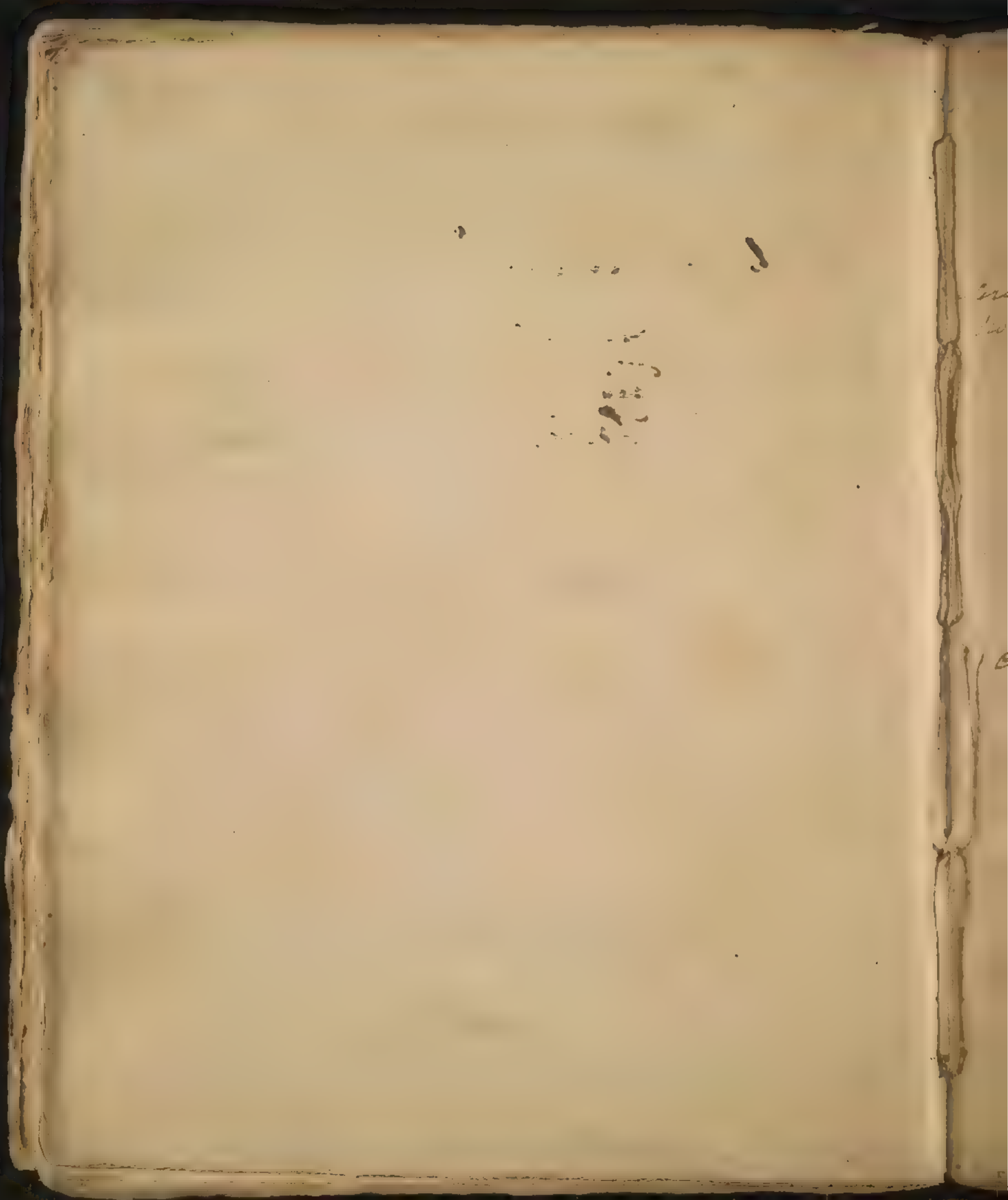
## 8 ~~Essential~~ Inorganic Substances

In Honey - died - in 7 m.  
 In Molasses — in 7 m.  
 In Sugar — in 1 1/2 m.  
 In Dry Millit — in 3 m. & 1 1/2.  
 In Uranna — in 2 m. & 1 1/2 -

## 10 Inorganic Substances

In <sup>10</sup> Solution —  
 In Powder — died in 1 m & 1 1/2 -  
 In & dissolved in Oil — no Effect - lived 2 Hours  
 In <sup>10</sup> Solution — no Effect - lived 2 Hours  
 In <sup>10</sup> Solution — no Effect 1 1/2 Hours





cont: Antennae - see Foot.

22 - no Effect & worms dont Breathe - taken  
from oil, destroying the soft Yew Flowers - live Breathe  
in warm Flies -

to yours  
1 Jan 1844  
Y!  
Wm -  
Jard.

on y<sup>e</sup> whole attend to the Distall of vision  
— wise in improving <sup>the</sup> sight, Altho not so  
~~other~~ <sup>sight or</sup> ~~improvement~~ conducted in restoring it. (Ed:  
will be <sup>many</sup> for alt<sup>r</sup> I see a Fruit as  
the pr: of abase tree back excellent.





29

Ch<sup>r</sup>: of the Influenza in 1771-2.

+ Cold Epidemic here generally every winter.  
Soon After Christmas - Defin<sup>n</sup>: of a Cold:  
- Is contagious - the contagion of animal  
Origin - Story from St Kilda <sup>& sent 2 days</sup> - the Cold  
worse this year than formerly - owing to  
the weather being so variable - warm  
succeeding cold - 1 Down 3 Days alike - Wind  
from every Quarter in a Day accom<sup>d</sup> <sup>the</sup> with  
- warmth - Moisture &c - River three or four  
times froze over ~~in the~~ thawed in the space  
of 2 months. - Begate in some w. <sup>the</sup> freezing  
- 40 or 50 times a Day - ~~the~~ <sup>the</sup> sticking across  
the nose - Pain over the Eyes - Forehead - Some  
of violent Pains in y<sup>e</sup> Jaw - Toothach - Stiff  
Neck - Some of Pains in the Ears & Deafness - In  
most attended w<sup>th</sup> ~~the~~ <sup>the</sup> oppression at the  
B<sup>re</sup>ast. ~~some~~ <sup>some</sup> ~~the~~ <sup>the</sup> Cough - many Sore Throat



because he thinks or acts like ourselves  
~~now~~ may be converted into <sup>reflected</sup> self-love. But  
Notwithstanding is the cause of most of our  
Attachments. & in the end appears cruel  
for wise purposes in a ~~dear~~ dear world.

I shall begin this Letter

& Hoarseness - some Pain in the <sup>Side</sup> ~~Shifting~~  
~~to~~ to Back - Almost as low as <sup>the</sup> kidneys - some  
 suddenly of Giddiness <sup>or</sup> ~~or~~ some vomited - the  
 vomit ~~consists~~ <sup>consists</sup> of their heads - & in a word <sup>the</sup>  
 Disease seemed to affect those Parts most w:  
 were previously weakened ~~and~~ or disordered <sup>then</sup>  
 Laurent De Logan - <sup>some had sore mouths inside out,</sup> all were Chilly - This  
 Chilling period? - in some Quotidian - in  
 others tertian - The Intermittents were com:  
 mon in Autumn - Pulse notwithstanding  
<sup>hard - active - sometimes</sup> ~~active~~ & full - Blood drawn at first seldom  
 very rich - but afterwards more so - some  
 required three or four bleedings before the inflam:  
 symptoms abated - The Treatment of this  
 Disease was simple - Always guided to Bf:  
 - Low Diet - entire Abstinence from Flesh - Wine  
 & every thing else w:<sup>ch</sup> tended to support <sup>the</sup> ~~of~~ <sup>the</sup> ~~of~~  
 Adage very common in the & much followed  
 by the common People in this Country of stuffing  
 a Cold - Blisters sometimes necessary to the Feet -



77

h  
D  
—  
p  
h

such - sides as according as affected. Such as  
 recovered slowly rec<sup>d</sup>? great & sudden Relief for  
 Vomits. — Confinement useful - diluent Drinks  
 - laxative med<sup>s</sup>. & in few cases the diaphoretic  
 Prepar<sup>ns</sup> of  $\delta$  - parti<sup>4</sup>? I sometimes were given w<sup>th</sup>  
 Advantage. — +





March 1771. —

32

Acc<sup>t</sup> of an Hydrocephalus internus.

<sup>of 9 years of age</sup>  
A negro girl belonging to John Potts Esq<sup>r</sup> of  
this City — was seized with a pain in her Breast  
& Fever & several other symptoms w<sup>ch</sup> accom-  
panied a cold w<sup>ch</sup> was then epidemic in the City.

I ordered her to lose blood & gave her some  
opening Med<sup>c</sup>. — She grew better — but ~~the~~ ~~the~~  
Pain ~~came~~ <sup>continued</sup> of nothing — appeared dull — But  
as her Pulse was regular — rather slower than  
natural — I attended her Culvefs to 4<sup>th</sup> ven<sup>l</sup> Dejection  
in the reg<sup>n</sup> in this quantity shown upon the most  
tender Indisp<sup>n</sup>. — 8 Days after the first of her  
Complaining — died with ~~some~~ <sup>in the</sup> morning —  
— Lay afterwards ~~lifeless~~ <sup>in a state of insensibility & putridity</sup> Pulse uniformly  
slow — ~~was~~ alarmed at these symptoms I began  
to suspect worms & asked if she had ever  
had any symptoms of them — far from it  
— uncommonly sprightly till the Day she was  
seized w<sup>th</sup> the Disorder as in her Breast. —

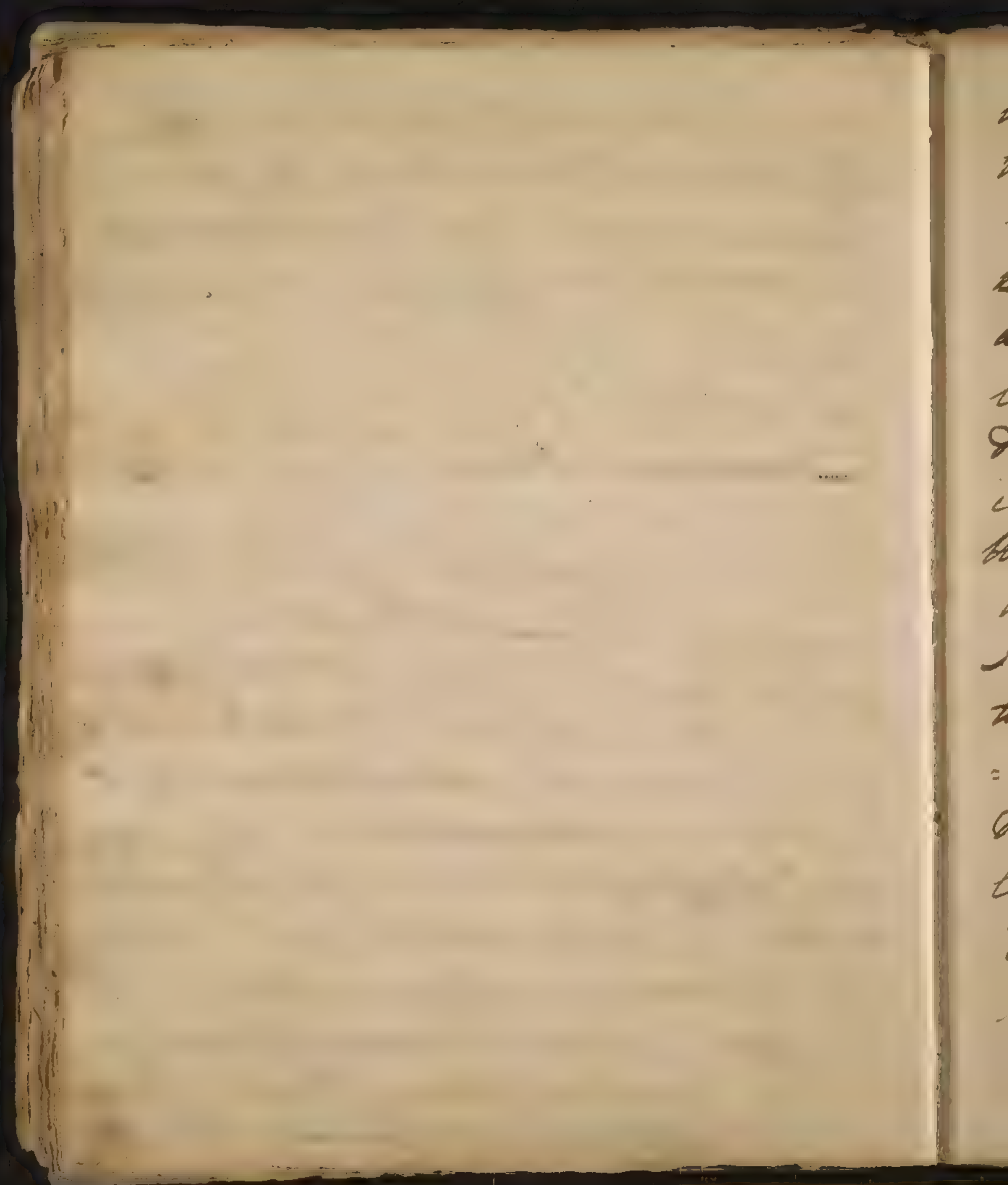


nor Limbs.

✓

gave 6 grains of  $\frac{1}{2}$  Imita - to no Effect -  
- app? Blisters to many  $\frac{1}{2}$  inch - dimb - but no  
Response - did not even excite  $\frac{1}{2}$  least suff?  
- ord? Glysters. & Cataplasms - Still cont?  
incurable - Pulse revived - grew quick & full  
on the 10<sup>th</sup> Day - I now thought of the Hydrocephalus  
~~but would be~~ a Disease w<sup>h</sup>. I am very apt to  
suspect since read Whyld & Fothergill in fact  
but could not give admit the notion when?  
recalled y<sup>t</sup> it ~~did not~~ the Disease did not come on  
in the slow manner described by Dr. Whyld &  
y<sup>t</sup> it wanted no interval of y<sup>e</sup> Stages & most of  
the Symptoms described by Dr. Fothergill. The  
man was heard to complain of her "Head" - on  
of a "Sickness" at her Stomach & <sup>she died on the 13</sup> 2 Days before  
~~her death~~ her Right Eye closed - & her whole right  
side he became paralytic - I found no Diff?  
in getting the consent of her Master to open her.  
- Upon opening the Abdomen & examining care-  
fully found no Worms - but an





unusual Quantity of slime - Upon dissecting  
the thorax found the Lungs slightly inflamed.

- I now opening the Brain. ~~in a~~ <sup>the</sup> certainty of finding  
~~the seat of the disease~~ The Blood vessels a good  
deal torpid - Upon thrusting a knife into the  
left ventricle a gill of clear water ~~was~~ was  
discharged - none of the other ventricles  
contained any. - It was now fully convinced  
that this was the cause of her Death. Shall  
be happy if this fact add any thing to  
the knowledge in this subject - <sup>it</sup> maybe of use  
to ascertain the species & Locality of this Dis-  
-order tho' incurable - ~~may it be~~ are they not  
diversified by the seat of the water - Those found  
by Dr Whist found in the Anterior Ventricle  
only. How far the <sup>of</sup> the Hemispheres in - want of  
richness - These facts may indicate the water being  
seated in the later ventricles future Dispo-  
-sitions must discover.

To Dr Huxley.

Yrs or B. B. B.

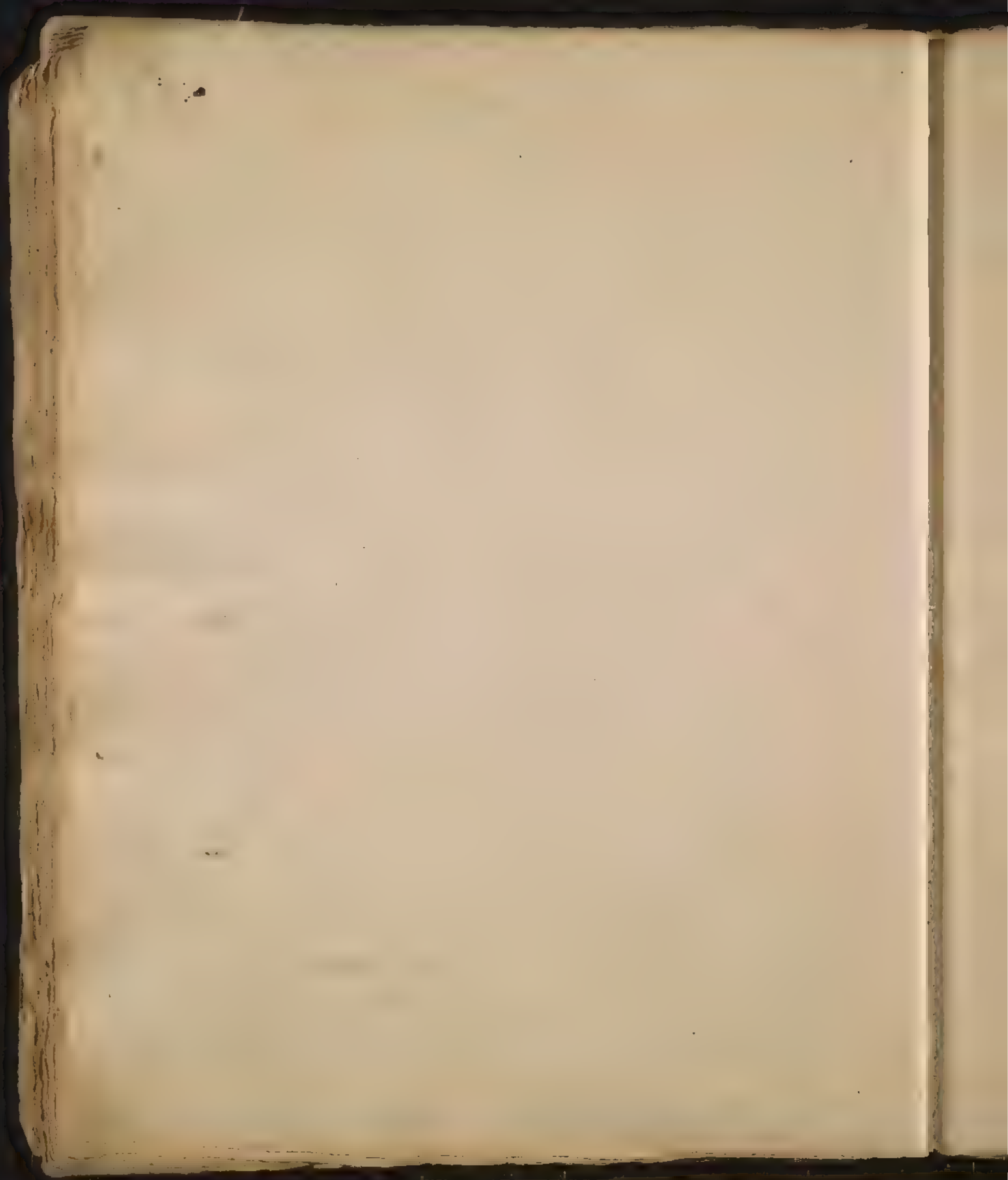




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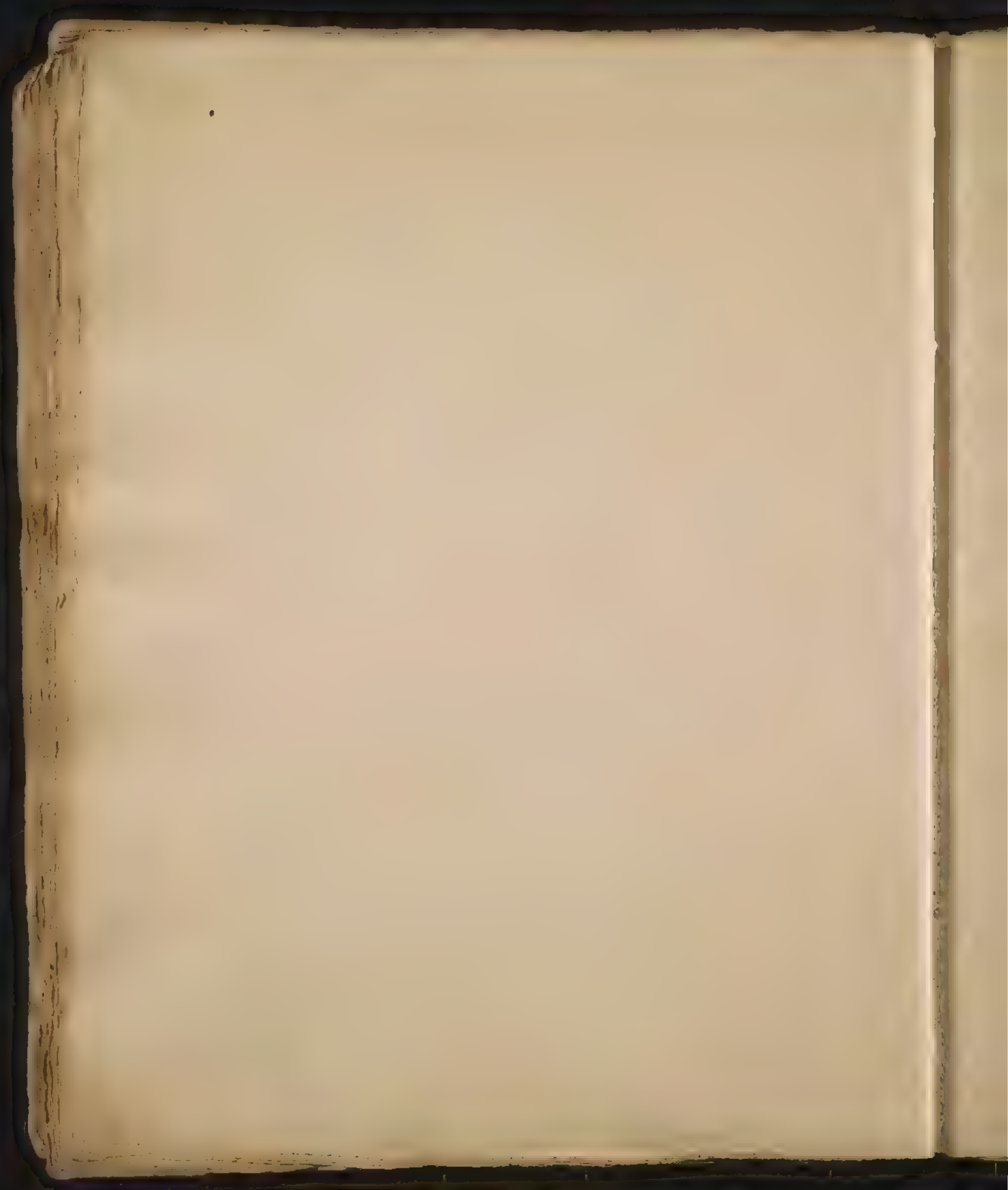
Don. Linder - age 24 - com. 2? in March  
of Pain in his Side - Cough - Fever - was  
bled plentifully - Blisters &c. - Pain, shooting  
into his Shoulder - <sup>could not lie on his left side.</sup> Most acute pain in his  
side on the 8 day. After this swelling - cold  
sweats - Pain now abated. But Diff. of breathing  
cont. <sup>the</sup> there was a swelling & an expansion of  
the Pinnas in Inspiration - large swelling  
in his Thigh & Leg - at first phlegm: but  
afterward Adrenators - all Pain now  
vanished - could lie alone on both sides - Diff.  
of breathing & rattling of Yams. At a loss to  
know what it was - One while Relieved -  
from Decub: Pain in a Throat: - ~~the~~ slight  
cough - & lastly the swelling in: resembled a (see  
mouth: by Morgagni - no ~~low~~ swelling - or  
tightness there - when <sup>at 11<sup>th</sup></sup> breathing  
came on & collected water on right Side  
or ~~the~~ Empirica. - Return of an Abscess





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38.

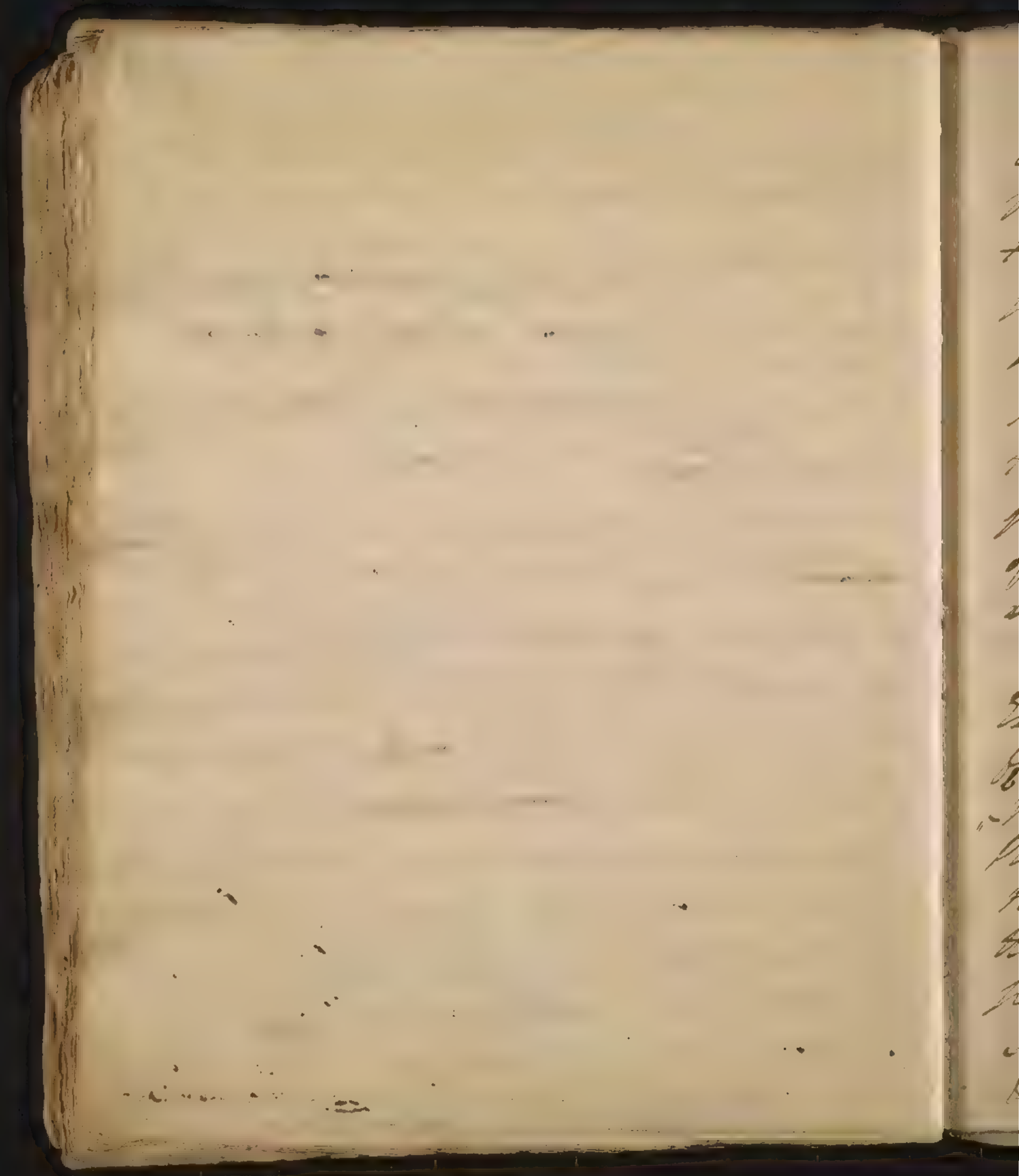
Inquiry into Cause of Sleep &  
Dreams.

Sleep is ~~brought on by the~~ <sup>caused by</sup> Sleep is  
brought on by the ~~four~~ following causes.

1. By ~~compression~~ <sup>compression</sup> of the Brain. This  
is what ~~is called~~ <sup>is called</sup> Opisthor.

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I do not intend in the following ~~to~~  
~~is not to~~ enquire into the cause of Sleep which  
is brought on by artificial means such as be  
the sedative action of Gold or Opium, but shall  
confine myself only to ~~show~~ that Sleep is  
is natural ~~which is~~ <sup>which is</sup> the cause of  
induced Sleep have been supposed to be either  
a compression of the Brain, or a Depletion of  
a fluid which is secreted in the Brain, & conveyed  
thru the nerves <sup>from</sup> ~~into~~ the Body. — we shall  
briefly consider each of them. —  
1. A compression of the Brain from ~~the~~ <sup>the</sup>









so far from being wasted I believe w: <sup>the</sup> illus-  
trious ~~Dr. Deane~~ ~~Dr. Deane~~ ~~Dr. Deane~~ Dr. Allen is  
applied to nourish y<sup>e</sup> Body.

In Order to render the Theory of the Cause of  
Sleep as clear as possible I shall <sup>begin</sup> ~~begin~~ ~~begin~~ ~~begin~~  
Preliminary Observations upon ~~the~~ part of the  
Animal Economy I by observing that

The human Body is provided w: a nervous  
System. ~~which~~ The Nerves are distributed to  
every Part in such manner that we have  
every where either Sensibility or Irritability.  
By the first is meant a ~~sensory~~ feeling, by the  
2<sup>d</sup> a moving Power. - These powers or Properties  
of the human Body are diversified in such  
a manner as to form 5 distinct Senses ~~of~~  
~~each~~ each of which is endowed w: <sup>the</sup> such distinct  
& peculiar Sensations that there is <sup>material</sup> not ~~any~~ ~~object~~  
in Nature which is not subjected to them, or of <sup>th</sup>  
they do not convey some Knowledge to the Brain  
on the seat of the mind & I discern the Origin of



Heart variety  
in the nervous. There is a perpetual humming of  
impressions from external Bodies which keep  
the Body in what Dr Cullen calls an  
excited state. - Light - Sound - Cold - Heat -  
- & the action of Muscles <sup>all</sup> ~~and to~~ <sup>are</sup> ~~the~~  
~~impressions will speak of.~~ <sup>together</sup> ~~Resides these there~~  
~~are~~ <sup>with</sup> certain internal impressions or stimuli  
arising from reflex sensations which <sup>all</sup> ~~and~~ ~~lead~~  
to keep up the excitement of the system. Now let all  
these be removed - let a Person at any time  
of the Day shut himself up in Dark Room remote  
from the noise of every kind - let him lay  
down <sup>on</sup> a warm Bed upon his Back & for in  
this Posture fewest Muscles are brought into action.  
- Let him cease from thinking, especially  
upon those Subjects w<sup>h</sup> are accompanied w<sup>th</sup> reflex  
sensations, & the consequence will be if Person,  
thus situated will ~~deeper~~ <sup>deeper</sup>. The Human Body  
<sup>therefore</sup> is not as Dr Boerhaave supposes an Automaton  
or self moving machine in the strict meaning of <sup>those</sup> ~~these~~ Terms. It stands  
in ~~the~~ need of the constant action of stimuli  
or impressions to keep it in motion. The



waking state is a state of Violence to the System.  
The Frequent & Alternate Action of Impressions on  
the Body are of the only means of preserving Life,  
& should these be abstracted for any Length  
of time, Life would be extinct. — The Cause of  
Natural Sleep then as I apprehend consists  
in nothing else but an Abundance of Impressions  
from the System. But the mere Abundance  
of Impressions is not vis to bring on Sleep.  
— This is but a remote Cause of it. we shall  
now enquire into the proximate. The  
Brain like every other Part of the Nervous System  
is liable to the alternate states of Tone & Atonia.  
— In the waking state we observe it to be tone  
if I may be allowed the Expression. The more  
complete this Tone the more Vigor we observe in  
the whole System. This Tone in the Brain is kept  
up by the constant Action of the Impressions  
we have mentioned. In Sleep the Reverse of this  
takes place. From the Abstraction of the Impressions



an Atonia ~~in~~ <sup>is brought</sup> on the Brain. ~~This~~  
~~Atonia~~ is ~~sometimes~~ <sup>this</sup> called. It is ~~that~~ <sup>the</sup> ~~Colap.~~  
 :nd state of <sup>the</sup> Brain w: constitutes <sup>the</sup> proximate  
 Cause of Sleep. It is generally bro't on gradually.  
 If it comes on too suddenly a Convulsion is  
 bro't on <sup>in</sup> <sup>the</sup> System w: is commonly called  
Starting in our Sleep. This is occasioned by the  
 sudden Loss of Tone in <sup>the</sup> Brain - hence we  
 find we are most liable to it when we fall  
 asleep immediately after getting into Bed.  
 we <sup>see</sup> something like this in Vamomhages.  
 A man who can lose 80% of Blood by a gradual  
 Emaciation ~~is~~ <sup>without feeling</sup> will be thrown  
 into ~~the~~ Convulsions by losing only  $\frac{1}{2}$  that Quantity  
 at one time. ~~For~~ The regular Times of  
 sleeping & waking are to be resolved ~~into~~ <sup>like</sup>  
 many other motions in <sup>the</sup> System into Habit. The  
 Use of Sleep is to restore <sup>the</sup> System - ~~for~~ <sup>for the</sup>  
 Body is so contrived that the ~~Attonic~~ <sup>Attonic</sup> states of  
 excitement, or the want of ~~the~~ <sup>the</sup> ~~the~~ <sup>the</sup> impact

Increase the strength & Vigor of <sup>the</sup> Body.

From ~~the~~ <sup>the</sup> we have said we may explain the Reason why certain simple Sounds such as <sup>the</sup> Colicard Corp - The Noise of a falling Stream of Water - the gentle Beating of Rain upon the Roof ~~of~~ <sup>the</sup> House, or any other Impression <sup>the</sup> is not accompanied with reflex Sensation brings on Sleep. By fixing <sup>the</sup> Attention of <sup>the</sup> Mind to One ~~Object~~ Impression only it renders it impossible to every other, so <sup>the</sup> the System having few Impulses to overcome soon sinks into ~~an~~ <sup>an</sup> Equilibrium or State of Rest. I can at any time bring Sleep upon myself in Bed in a manner analogous to this, that is by fixing by <sup>the</sup> thoughts entirely on One Subject. I always take Care not to let this Subject be of a very interesting Nature. & we may learn likewise the Reason why People in deep ~~Deaths~~ Sleep so



soundly. I have heard the Reality of the  
most poignant Grief called in Question from  
this circumstance. It is owing to the mind's  
fixing itself solely upon One Subject. Sudden  
transitions from One Subject to another  
tend to keep off Sleep as every new Subject  
is a fresh Stimulus or Impulse to the system.  
~~whereas an attention to one only~~ <sup>which</sup> in time  
begets an insensibility to itself even tho'  
it be accompanied w. reflex sensations.

✓ This is the case w. Persons in Love. <sup>sometimes the</sup> ~~human~~ <sup>the</sup>  
Mind is then agitated between Hope & Fear. Hence  
all the Poets & Philosophers have denoted  
the Lover as unable to sleep. De Vigne words  
upon this Subject are truly elegant.  
"Sonnus edice vocatus usque ad Auroram  
describit." —

We come now to enquire into the  
Cause of Dreams. without taking notice of various  
Opinions concerning them I shall go on to suggest  
~~that Dreams are by no means~~ <sup>occasionally</sup> connected w.



Keep. I adopt the notion of Malbranche in suppo-  
sing that the Soul does not always think &  
join with him in the following solid Reasoning  
Deliver an Opinion founded upon the  
Governing Law of the Cause of Sleep. - ~~From~~  
~~Deference to~~ We all acknowledge the  
Union of the Soul & Body to be such <sup>that</sup> the  
Faculties of the former requires a certain Tone  
or healthy state <sup>of the latter</sup> in order to exercise themselves  
properly. Different Deviations from this <sup>occasion</sup> cause  
different Deviations from in these Faculties from  
~~want of perception~~  
a mere loss of memory down to entire want  
of Perception <sup>or</sup> State of Idiotism. In <sup>an</sup> entire  
Collapse of the Brain there is a complete sus-  
pension of every Faculty of the mind - But  
when ~~this~~ from the Presence of some particular  
Suspension this is not the Case, ~~then~~ this <sup>entire</sup> ~~from~~  
~~reversing even~~ ~~excited~~ Collapse does not take  
place. <sup>They</sup> The Faculties of the mind are exercised,  
~~that is~~ <sup>that is</sup> in proportion to the <sup>force</sup> ~~power~~ of the







brought into action remains in an excited state.  
The reason why these visions never fatigue  
is because they are not ~~act~~ ~~the~~ ~~visions~~ ~~which~~  
we have likewise a reason why people who  
sleep uneasy, - whose minds are much interested  
in any particular subject, or who are exposed  
to impulses from any other cause are generally  
of greatest dreamers. The entire abstraction of  
all impressions is absolutely necessary in order  
to admit of a complete collapse of the brain. we  
learn further why a dark & silent chamber or  
a soft bed - previous labor or exercise - lying  
upon the back, & lastly why tranquility of mind  
~~except~~ ~~causes~~ ~~a~~ ~~man~~ ~~as~~ ~~subject~~ ~~of~~ ~~dreams~~. These impulses  
from all quarters is removed, & there is nothing  
to prevent an entire collapse of the brain. ~~So~~  
The idle & luxurious are generally the most prone  
to dreaming from the disordered state of the body  
in idleness & luxury bring on. Labourers seldom  
dream much. Besides these many people <sup>never</sup> ~~do~~  
dream at all. ~~How~~ ~~the~~ ~~vision~~ tells us a story of

a Man who never dreamed till after he had  
 been afflicted w: a fever in the 25<sup>th</sup> year of his  
 life. Dreams therefore should be looked upon  
 as a Morbid state of the Body, & that too in Pro-  
 portion to the Nature or Number of the Faculties of  
 the Mind w: are ~~disturbed~~ exercised in them. —

In Order to show that this partial Collapse  
 of the Brain takes place in Dreams <sup>we shall</sup> ~~we shall~~ it will  
~~be made to arise from a~~ <sup>from the analogy of</sup> between them, & the state of  
 the Faculties in Disorders of the Brain, for comparison.  
 let it arise from a cause it will produce exactly  
 the same changes upon the Faculties of the soul, as  
 this partial collapse. In the 1<sup>st</sup> place we observe  
 in many Diseases particularly Fevers a want of  
 Understanding. or false Perceptions. Persons are called  
 by ~~the~~ wrong names, & mere shadows are mistaken  
 for Objects full of terror or Fury. 2 we observe  
 a want of memory in many Diseases but more  
 especially in the Fevers. How often do we hear them  
 call for something to eat or drink, & yet in



a few Minutes forget their having for any  
thing. 3 We <sup>sometimes</sup> observe an Abnormal of  $\frac{1}{2}$  moral  
Faculty in ~~some~~ Disorders. I Once ~~heard of~~ <sup>heard</sup> ~~an~~ <sup>old man</sup> ~~of the~~ <sup>of the</sup> most exemplary Virtue utter  
~~some expressions~~ <sup>expressions</sup> in the last Stage of a Phreny which  
which shocked all the Bystanders  
~~and was~~ <sup>and was</sup> ~~in his healthy State he w.~~  
have died sooner than ~~expected~~ <sup>formerly of the most amiable Tempers</sup>. Now often do  
we see maniacal Patients <sup>perpetrate the</sup>  
most enormous Crimes such as Ingratitude -  
Revenge - Suicide &c. ~~the~~ <sup>many</sup> Instances of  
this kind might be ment. without number.

- Now do we not observe something strictly  
analogous to these Things in Dreams. - <sup>2</sup> ~~in~~ <sup>in</sup>  $\frac{1}{2}$  1.  
I am we observe a Defect of Understanding. we  
dream of  $\frac{1}{2}$  <sup>great</sup> ~~great~~ Aburdities without being in  
 $\frac{1}{2}$  least surprised at them. Thus I have dreamed  
of being the Point of a Lancet Rose for some  
time like a Candle without once reflecting that  
the Metal of <sup>it</sup> it was made was <sup>in</sup> capable of  
Inflammation. 2 In Dreams we observe  
a Want of Memory. who ~~has~~ <sup>has</sup> dreamed of being

Persons & Objects which ~~had no existence~~ we were  
 sure were either dead, or removed from us  
 the want recollecting these circumstances? But  
 3<sup>ly</sup> In Dreams there is sometimes an Abuse  
 of the moral Faculty. Hence we find many  
 People dream of violating the sacred Rules  
 of Honor. Chastity & Justice <sup>at</sup> ~~from~~ which  
 they would have shuddered in y<sup>r</sup> waking  
 hours. This fact by the by proves above  
 all things y<sup>e</sup> Divine Original, & congenial  
 Nature of y<sup>e</sup> moral Principle. It is intimo-  
 :ver in our very Constitution - ~~has~~ and  
 exists there antecedent to all knowledge or  
 Ideas acquired by Sensation or <sup>Reflection</sup> ~~Experience~~.  
 The different modes of Education & y<sup>e</sup> Customs  
 of different Nations may alter or corrupt  
 it, but this no more changes its nature,  
 than y<sup>e</sup> Sausage does y<sup>e</sup> real colour of any Object.



or Blindness extinguishes the Sun. The  
Man therefore who loses, or corrupts this  
Principle labours under ~~the same~~ <sup>a</sup> misfortune  
~~that a man does who~~ not much unlike him  
who loses his Memory - Understanding, or  
Taste ~~by~~ <sup>from</sup> some eternal cause. It is no proof  
of the ~~want~~ <sup>want</sup> of a reasoning Faculty that  
the mind when clouded by Prejudice or overawed  
by Superstition, admits things for truths which  
are evidently false. - nor is it any more a  
proof of our wanting this moral Faculty that  
different Nations have ~~had~~ made different  
things Objects of it, inasmuch that in some  
Places Virtue has been called Vice & Vice Virtue.  
- This Argument if pursued a little further  
would show much, with regard to primary  
truths, or those things <sup>to</sup> which are properly intuitive  
becomes a principle. The Man who calls  
Good, Evil, & Evil, Good, who pleads the  
Authority or Admissibility of Example

in favor of <sup>the</sup> wrong or  
 in favor of w. is contrary to <sup>the</sup> nature of  
 things - <sup>or</sup> who rejects the Evidence of Nature  
 or revealed Religion, is as much to blame  
 as he who voluntarily destroys his memory  
 or Understanding by spirituous liquors, or  
 other Acts of Intemperance, for <sup>the</sup> moral  
 Faculty, or as it hath been lately called  
 the Principle of common sense, is naturally  
 coeval w. <sup>the</sup> mind, & is alike an essential  
 Part of <sup>the</sup> human soul. to return

I am at a loss to say in w. Order  
~~the~~ these Faculties of the Mind are suspended  
 in Dreams. - Perhaps it is different in  
 different People, & at <sup>in the same people</sup> different times. - But  
 of this we are certain that <sup>the</sup> moral  
 Principle is often ~~often~~ suspended both in

+ see Reid's Inquiry, & Beattie's on Truth.



Dreams & in certain Diseases when there are the most evident Proofs of Memory & considerable <sup>Power</sup> ~~Range~~ of Understanding, so that it cannot be supposed that it owes its Seat in  $\frac{1}{2}$  mind to Experience or Reflection.

The Soul ~~to~~ we see then is active  
in the sleeping as well as in the waking  
state. This we may infer not only from the  
most active Faculty the <sup>see Elem. of Lit. Vol. i p. 337.</sup> Imagination being  
concerned in it, but from the Subjects of  
Dreams having so little Relation to the Occur-  
rences or Thoughts of the preceding Day. The Mind  
in Dreaming proceeds in <sup>&</sup> same Manner in  
its Transitions from One Subject to another  
as in in the waking state ~~and~~ <sup>only</sup> with this  
Difference <sup>that</sup> its Operations ~~are~~ <sup>are</sup> from the  
Want of a due Force in <sup>or universal &</sup> Brain ~~are~~ are  
irregular <sup>herein</sup> ~~Circumstances~~ Should we  
therefore admit <sup>the</sup> Baxter of the Agency of  
immaterial Beings upon our Minds, in



we can hardly believe if we suppose them to  
be intelligent that they would chase so impro-  
per a time as sleep to instant or several future  
events to us. Seeing that both Prediction &  
Prophecy w<sup>d</sup> be liable to be forgotten or from  
their Inconvenience to be disregarded. There is a  
fact in ~~the~~ <sup>the</sup> w<sup>d</sup> has been but little attended to  
~~by the w<sup>d</sup>~~ shows how much the mind ~~is~~ <sup>is</sup>  
Dreams exercises itself in y<sup>e</sup> same way as in the  
waking state, ~~but it is not proper~~  
~~and not quite the same~~ Such as know  
w<sup>d</sup> it is to feel a strong Attachment to Relations  
or friends can witness how very difficult it  
is to summon y<sup>e</sup> <sup>m</sup> to our imagination: as if  
of them when they are absent from us. Our  
Recollection of y<sup>e</sup> <sup>m</sup> at all times proceed from a  
deliberate act of memory, but is seldom so vivid  
as to have a place in y<sup>e</sup> Imagination. Do  
we not observe something like this in Dreams  
- How difficult do we find it to dream of such  
Persons or Objects as are dear to us? I have  
heard a Woman say that she never dreamed  
One of whom who was 3 years absent from her



Altho' she is Down part an hour off time  
When we are <sup>the</sup> wont thinking of him.

I conclude therefore that there is nothing more  
ominous in our Dreams <sup>2</sup> 4: in our waking  
Thoughts. Once in an hundred times, we may  
see points <sup>which</sup> bear some Relations to our Dreams  
but these are trifling when compared with  
y: Relation our waking Thoughts bear to future  
Events, & yet these have been been regarded  
as Ominous. Dreams therefore like many  
the Phenomena of Mind depend entirely upon  
Physical Causes.

Let it not be used Against me,  
that Dreams are spoken of as ominous  
in the Scriptures. In those Cases Where they were  
consistent, or were some important Purposes  
were bro't about by them, they are to be  
looked upon as supernatural. Here our  
Inquiries are therefore ought to cease. - But  
I am far from thinking that in all Cases  
they sh<sup>d</sup> be regarded as coming from above.

There is a natural propensity  
Magnified age & same in all ages; ~~leading~~  
to superstition in y. human mind; ~~entirely~~  
Religion is so far from curing the mind of ~~superstition~~  
~~that~~ <sup>it</sup> ~~we find it even~~ ~~conducive~~  
clearing to Inspiration itself. Besides the revela-  
tion in scriptures was ~~not~~ not intended to over-  
throw common place notions in indiffirent  
Matters any more than it was to deliver a  
System of natural Philosophy. To argue ~~that~~  
therefore in favor of Dreams being ominous, or of  
divine Original from the Belief in good ~~spirits~~  
then entertained in them is as absurd as to argue  
in favor of Polygamy or Lying from the  
Practice of Abraham or Rahab. ~~It is~~  
of y. divine goodness we cannot be too much acknow-  
ledged, the concealing future events from us: ~~we~~  
owes much of y. say it imparts & Evil is greatly  
lessened by our not expecting either of ~~the~~ <sup>them</sup>.

"Blindness to y. future &c"

To suppose further that the Duty interferes in  
revealing all the little accidents which happen in y.  
narrow field in w. Dreams usually move is  
at once dishonorable to Religion & common sense

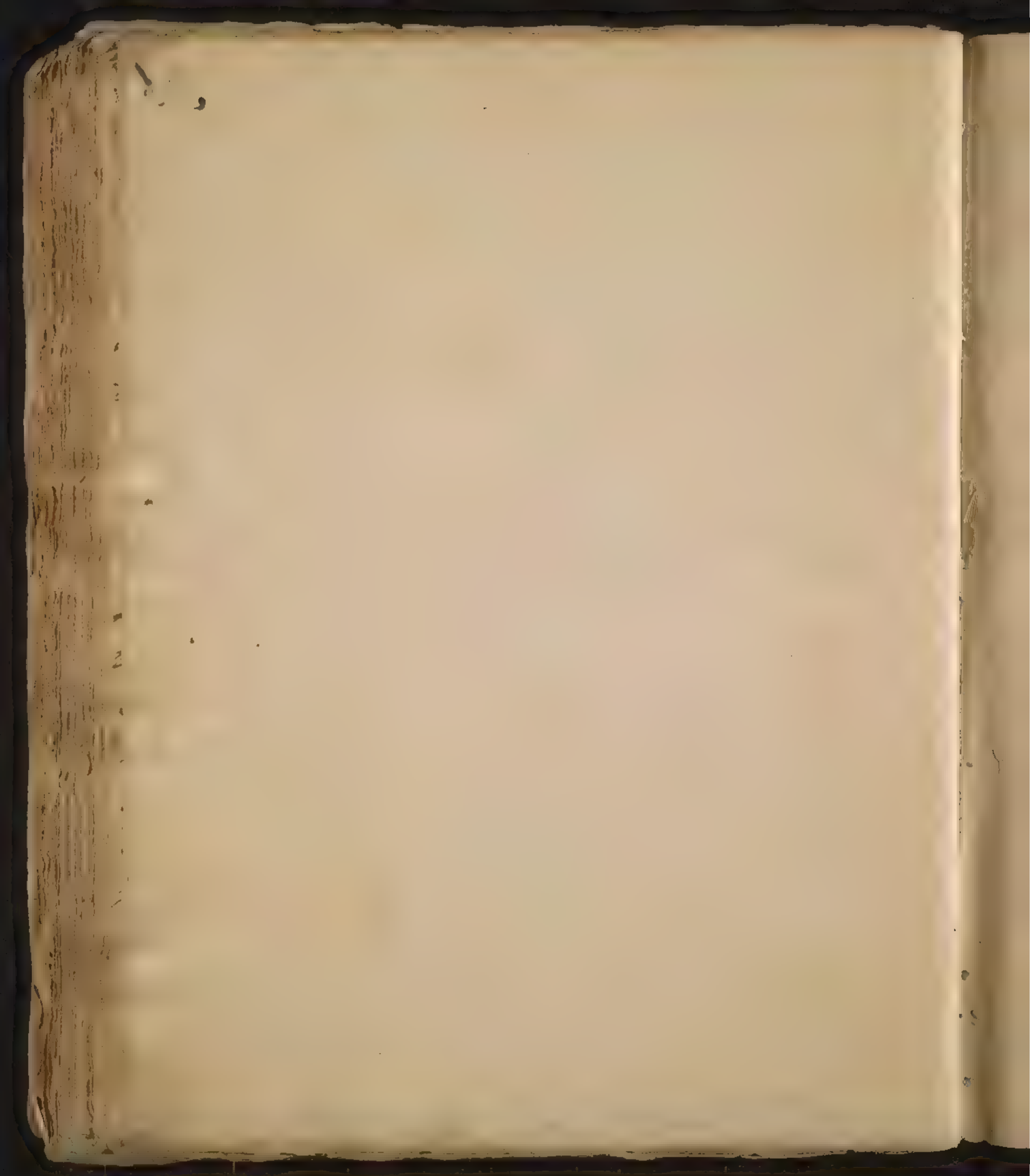


Repeat it again therefore if Dreams can  
be exp<sup>d</sup> from physical causes, they are to be  
~~be~~ not to be looked upon as ominous any more  
than thunder To be disturbed or p<sup>l</sup>aced about  
mortality by Dreams, ~~is~~ is as absurd as to attempt  
to explain future events from the ravings  
of a madman, or a fever in a fever, <sup>as</sup> they  
are both occasioned <sup>entirely</sup> by physical causes. -

I shall conclude this Essay by adopting  
the Opinion of Mr. Locke of the Soul not always  
thinking. In a complete collapse of y<sup>e</sup> Brain  
there is certainly an entire Suspension of the  
Faculties of y<sup>e</sup> Soul. Mr. Locke's Reasons for this  
Opinion are so strong & convincing that I  
shall finish this Essay by transcribing  
them.

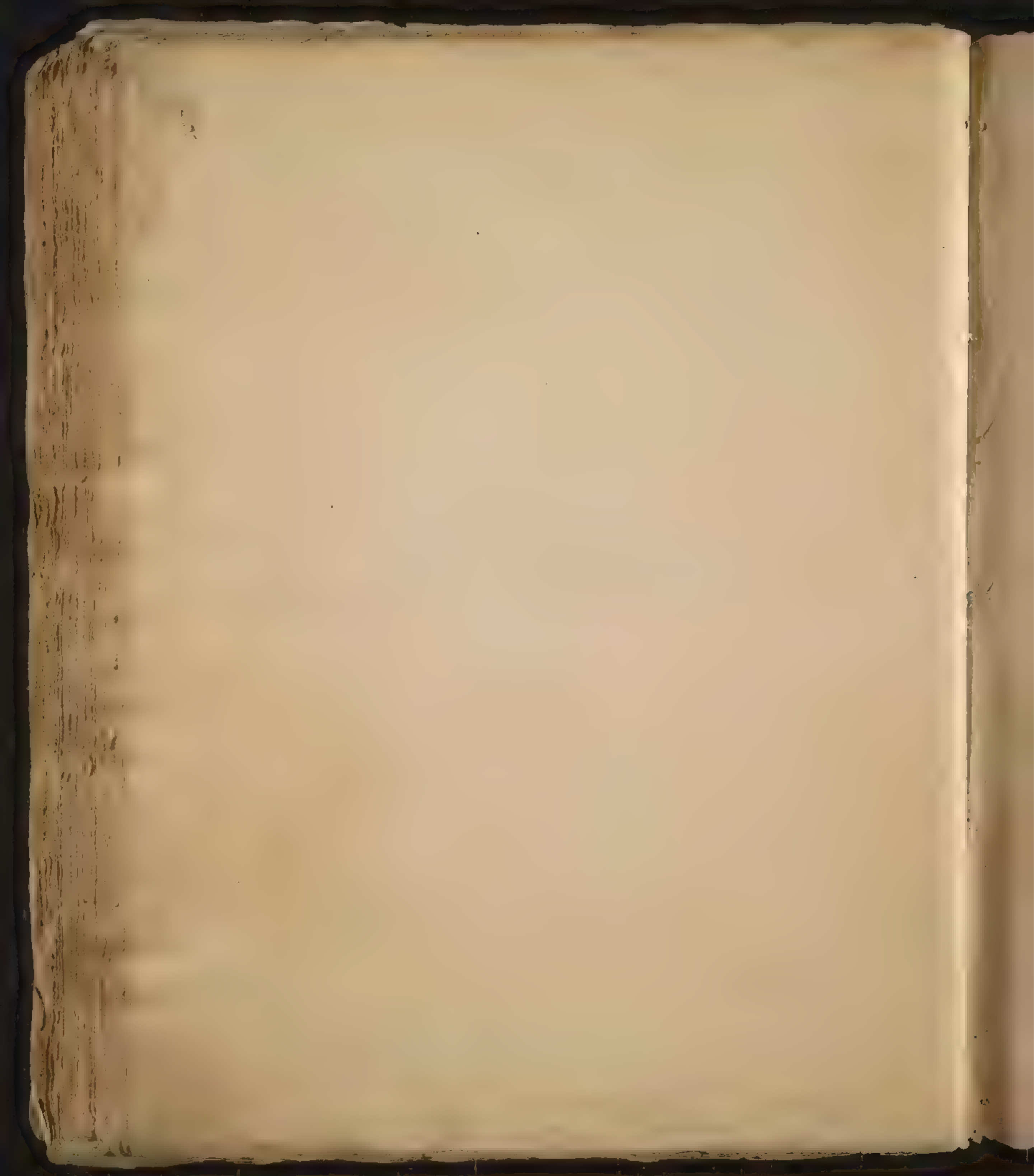
Thinking does not constitute of Soul any  
more of Motion does of Body - is only of  
Property of it.





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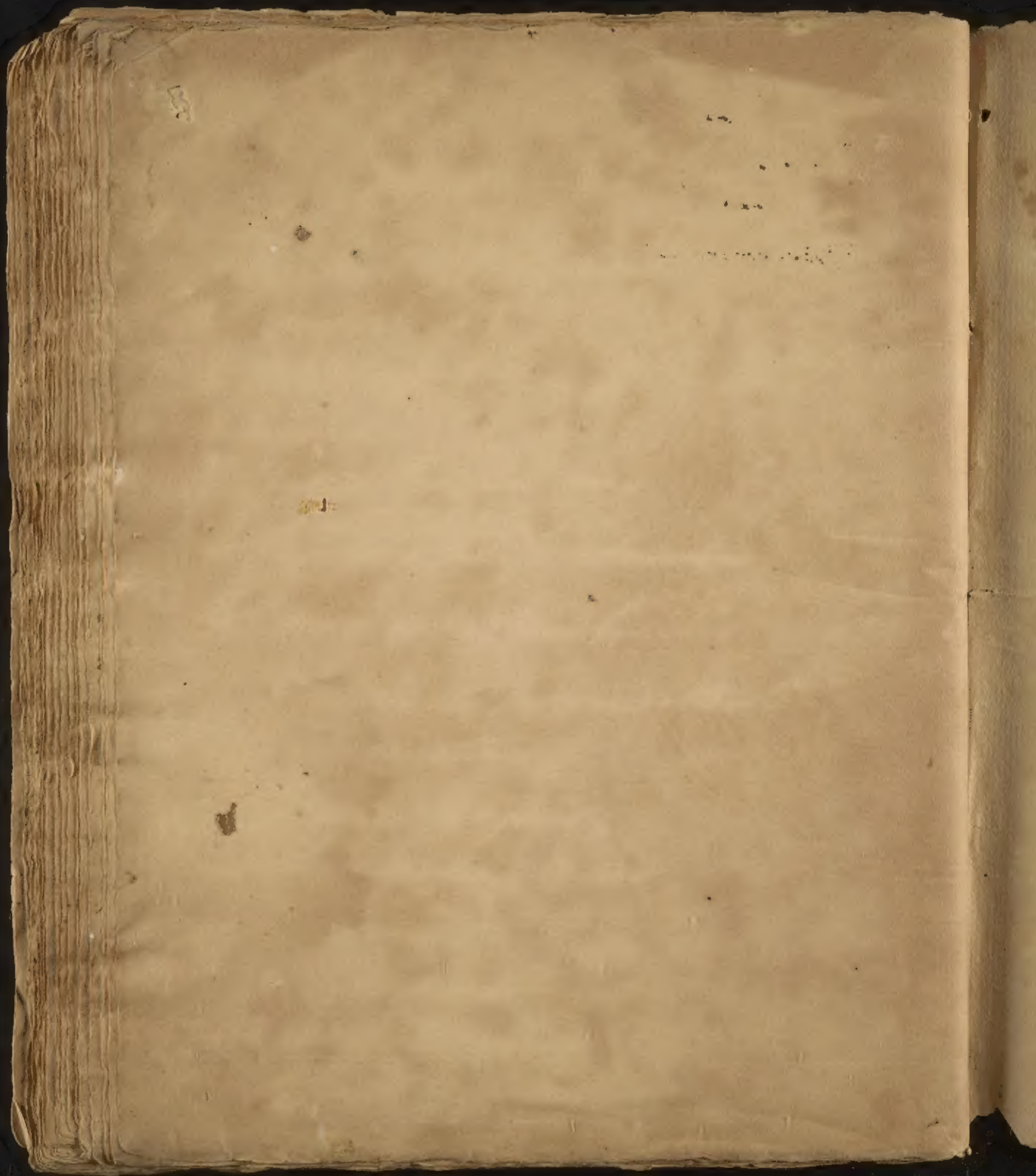




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2







Hemiptera

Epilary

Bothria

Hypochondriasis

1.

5

9.

13.



Order

- 1 Diseases of Indians
- 2 Chinati
- 3 Bilious fever
- 4 Scabietina
- 5 Cholera Infantum.
- 6 ~~cold water~~ *typhus* *typhoid*
- 7 *Cyanus* *tracheitis*
- 8 Obsolete Intermittents
- 9 cold water
- 10 *typhus* *typhoid*
- 11 consumption
- 12 worms
- 13 *typhus* *typhoid*
- 14 Effects of civilization